

Appl. No. 09/921,430

Amdt. dated January 17, 2008

Response to Final Office Action Mailed July 18, 2007

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Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An impeller for hurling aggregate material toward anvils said impeller comprising:

a table comprising a support plate; and

a frustoconical center central feed body attached to said support plate, said center feed body comprising a plurality of concentric steps, wherein said center feed body is formed by steps and has a plurality of hard material insert rods containing a plurality of insert rods positioned in a plurality of bores formed in a top landing surface of each said step, said bores each having a bottom, wherein a top surface of each said insert rod is positioned significantly above an adjacent one of said bore bottoms up on the next said step, whereby said insert rod top surface protects insert rods up on the next step from being washed out.

2. (Original) The impeller according to claim 1 further comprising:

a shoe connected by a support bracket to said table; and

a liner connected to said shoe and said table.

3. (Cancelled)

4. (Cancelled)

5. (Currently amended) The impeller according to claim 2 wherein a bottom row of said insert rods are fixed to said shoe and a row of insert rods are fixed ~~on to~~ said liner adjacent to said shoe, and said rows are stitched to protect a corner interface between said shoe and said liner.

6-8. (Cancelled).

9. (Currently amended) A frustoconical center feed body for an impeller assembly comprising:

a plurality of concentric steps-stepped sections wherein each stepped section has a plurality of hard material insert rods fixed therein.

wherein said center feed body is formed by steps and has a plurality of hard material insert rods containing a plurality of insert rods positioned in a plurality of bores formed in a top landing surface of each said step, said bores each have a bottom, wherein a top surface of each said insert rod is positioned significantly

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above an adjacent one of said bore bottoms up on the next said step, whereby said insert rod top surface protects insert rods up on the next step from being washed out.

10-11. (Cancelled)

12. (Currently amended) The center feed body according to ~~claim 11~~ claim 9 wherein extended insert rods are fixed to an exposed peripheral side surface of at least one of said step sections.

13. (Currently amended) The ~~impeller~~ center feed body according to ~~claim 10~~ claim 9 wherein said step sections each have a top landing surface that is generally horizontal with bores formed therein, said bores have a central axis that is generally perpendicular to each said horizontal surfaces.

14. (Cancelled)

15. (Currently amended) An impeller for hurling aggregate material toward anvils said impeller comprising:

a table;

a center feed body;

a shoe connected by a support bracket to said table; and

a shoe liner connected to said shoe and said table,

wherein a ~~bottom~~ row of said insert rods are fixed to said shoe and a row of insert rods are fixed on said liner adjacent to said shoe, and said rows are stitched to protect a corner crease between said shoe and said liner.

16-17. (Cancelled)

18. (Previously cancelled)

19. (Cancelled)